

PROCESS FOR AUTOMATIC CONTROL OF ONE OR MORE DEVICES BY VOICE COMMANDS OR BY REAL-TIME VOICE DIALOG AND APPARATUS FOR CARRYING OUT THIS

[71] Applicant: DaimlerChrysler AG

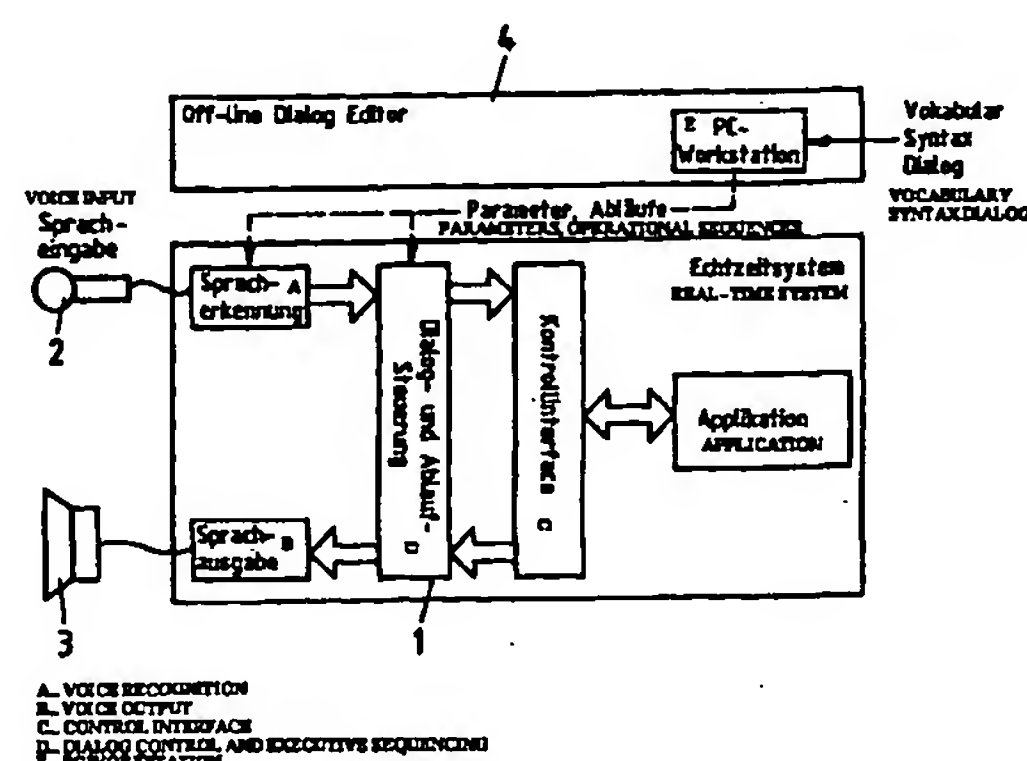
[72] Inventors: STAMMLER, Walter;
CLASS, Fritz; MÖLLER,
Carsten- Uwe; NÜSSLE, ...

[21] Application No.: EP96932482

[22] Filed: 19960909

[45] Published: 20020102

[30] Priority: DE 19533541 19950911



[Go to Fulltext](#)

[57] Abstract:

The invention pertains to a voice dialog system wherein a process for automatic control of devices by voice dialog is used applying methods of voice input, voice signal processing and voice recognition, syntactical-grammatical postediting as well as dialog, executive sequencing and interface control, and which is characterized in that syntax and command structures are set during real-time dialog operation; preprocessing, recognition and dialog control are designed for operation in a noise-encumbered environment; no user training is required for recognition of general commands; training of individual users is necessary for recognition of special commands; the input of commands is done in linked form, the number of words used to form a command for voice input being variable; a real-time processing and execution of the voice dialog is established; the voice input and output is done in the hands- free mode.

[51] Int'l Class: G10L01506 G10L01526

BEST AVAILABLE COPY